

MONTHLY WEATHER REVIEW.

CHARLES F. MARVIN, Chief U. S. Weather Bureau.

Vol. 41.

NOVEMBER, 1913.

No. 11.

Editor, P. C. DAY, Climatologist and Chief of Division.

DISTRICT EDITORS.

District No. 1, North Atlantic States.

Prof. Wilford M. Wilson, Ithaca, N. Y.

District No. 2, South Atlantic and east Gulf States.

Charles F. von Herrmann, Atlanta, Ga.

District No. 3, Ohio Valley.

Prof. Ferdinand J. Walz, Louisville, Ky.

District No. 4, Lake region.

Prof. Henry J. Cox, Chicago, Ill.

District No. 5, Upper Mississippi Valley.

George M. Chappel, Des Moines, Iowa.

District No. 6, Missouri Valley.

Montrose W. Hayes, St. Louis, Mo.

District No. 7, Lower Mississippi Valley.

Isaac M. Cline, New Orleans, La.

District No. 8, Texas and Rio Grande Valley.

Bernard Bunnemeyer, Houston, Tex.

District No. 9, Colorado Valley.

Frederick H. Brandenburg, Denver, Colo.

District No. 10, Great Basin.

Alfred H. Thiessen, Salt Lake City, Utah.

District No. 11, California.

Prof. Alexander G. McAdie, San Francisco, Cal.

District No. 12, Columbia Valley.

Edward A. Beals, Portland, Oreg.

CONTRIBUTING CORRESPONDENTS.

Summaries of weather conditions and meteorological data are contributed by the directors of the following meteorological and other services:

The Meteorological Service of the Dominion of Canada.

The Central Meteorological and Magnetic Observatory of Mexico.

The Meteorological Service of Cuba.

The Meteorological Observatory of Belen College, Habana.

The Government Meteorological Office of Jamaica.

The Meteorological Service of the Azores.

The Meteorological Office, London.

The Danish Meteorological Institute, Copenhagen, Denmark.

The Physical Central Observatory, St. Petersburg, Russia.

The Philippine Weather Bureau, Manila.

The General Superintendent of the United States Life-Saving Service.

The Director-General of Mexican Telegraphs.

Contributions for the MONTHLY WEATHER REVIEW concerning agriculture, transportation, water uses and resources, forestry, and similar practical subjects, should be addressed to the editors of the several districts interested in the subjects. The post-office addresses are at the U. S. Weather Bureau local offices in the cities mentioned.

Contributions for the MONTHLY WEATHER REVIEW from foreign correspondents should be addressed to the Chief, U. S. Weather Bureau, Washington, D. C.

Papers on general meteorology should also be addressed to the Chief of the Bureau.

Price of a single copy, 35 cents; \$4.00 per year. Foreign postage additional. District separates, 5 cents each.

CONTENTS.

PART I.—CLIMATOLOGY.

- 1 Climatological Summaries, } Complete for each district;
Tables, } also issued as separates.
Maps. }

PART II.—METEOROLOGY.

2. Weather, forecasts and warnings for the month.
3. Rivers and floods.
4. Special papers on general meteorology.

PART III.—GENERAL TABLES AND CHARTS.

5. General Tables.

- I. Climatological data for U. S. Weather Bureau stations.
II. Accumulated amounts of precipitation.
III. Data furnished by the Canadian Meteorological Service.

PART III.—GENERAL TABLES AND CHARTS—Continued.

6. General Charts.

- I. Hydrographs of several principal rivers.
II. Tracks of centers of high areas.
III. Tracks of centers of low areas.
IV. Temperature departures from the normal.
V. Total precipitation.
VI. Percentage of clear sky between sunrise and sunset.
VII. Isobars and isotherms at sea level; prevailing winds.